Bruhat Bangalore Mahanagara Palike
Executive Engineer Yelahanka Division

Name of Work: Asphalting of roads and Improvements to footpaths at Someshwaranagara, MIG 3rd phase and LIGSanitorycore Yelahanka A sector, B sector and Judicial layout in ward no-04 of yelahanka new town sub division(Package No-13)

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Civil Work								
1	**Removing and refixing stone slabs** of drains and pointing in CM (1:3) (P.No-27,I No-5.33)								
	Judicial Layout								
	8th Cross Road LHS		1	314.50	0.90		283.05		
	8th Cross Road RHS		1	252.50	0.90		227.25		
	10th Main Road LHS		1	149.40	0.90		134.46		
	10th Main Road RHS		1	249.30	0.90		224.37		
	Aditya Homes opposite road		2	99.30	0.90		178.74		
	11th Main Road LHS		1	141.40	0.90		127.26		
	11th Main Road RHS		1	138.00	0.90		124.20		
	17th Cross LHS		1	121.10	0.90		108.99		
	17th Cross RHS		1	99.80	0.90		89.82		
	16th Main LHS		1	14.80	0.90		13.32		
							1511.46		
	Deduct 75% missing						1133.60		
							377.87		
	Hanumappa Layout								
	3rd Cross Road to Raksha Enclave Apartments LHS		1	125.00	0.90		112.50		
	B-Sector								
	7th B Cross to IFB Point LHS		1	221.00	0.90		198.90		
	7th B Cross to IFB Point RHS		1	117.50	0.90		105.75		
	8th B Main		2	79.20	0.90		142.56		
	Mathru Layout								
	Shirdi Sai Temple Road E Cross		2	54.80	0.90		98.64		
	Shirdi Sai Temple Road E Cross		1	8.00	0.90		7.20		
	Shirdi Sai Temple Road D Cross		2	55.30	0.90		99.54		
	5th Cross road		2	145.20	0.90		261.36		
	4th Cross near water plant to 5th Cross road connection		2	150.60	0.90		271.08		
							1297.53		
	Deduct 75% missing						973.15		
							324.38		
						Total Qty	**702.25**		
						Qty as per Schedule-B	**1683.54**		
						Qty upto 125%	**0.00**		
		Sqm				**Qty as per Modified Estimate**	**702.25**	**116.70**	**81952**

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
KSRRB300-1. **Earthwork excavation by manual means** for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.(I.NO 19.1,Page no 143 SR 2018-19)								
Basic Rate	130.00							
Area Weightage 6%	7.80							
Loading and Unloading & Lead,8KM	77.48							
	215.28							
ForRCC DRAIN	**Cum**							
Judicial Layout								
8th Cross Road LHS		1	314.50	1.20	0.90	339.66		
8th Cross Road RHS		1	252.50	1.20	0.90	272.70		
10th Main Road LHS		1	149.40	1.20	0.90	161.35		
10th Main Road RHS		1	249.30	1.20	0.90	269.24		
Aditya Homes opposite road		2	99.30	1.20	0.90	214.49		
11th Main Road LHS		1	141.40	1.20	0.90	152.71		
11th Main Road RHS		1	138.00	1.20	0.90	149.04		
17th Cross LHS		1	121.10	1.20	0.90	130.79		
17th Cross RHS		1	99.80	1.20	0.90	107.78		
16th Main LHS		1	14.80	1.20	0.90	15.98		
Hanumappa Layout								
3rd Cross Road to Raksha Enclave Apartments LHS		1	125.00	1.20	0.90	135.00		
B-Sector								
7th B Cross to IFB Point LHS		1	221.00	1.20	0.90	238.68		
7th B Cross to IFB Point RHS		1	117.50	1.20	0.90	126.90		
8th B Main		2	79.20	1.20	0.90	171.07		
Mathru Layout								
Shirdi Sai Temple Road E Cross		2	54.80	1.20	0.90	118.37		
Shirdi Sai Temple Road E Cross		1	8.00	1.20	0.90	8.64		
Shirdi Sai Temple Road D Cross		2	55.30	1.20	0.90	119.45		
5th Cross road		2	145.20	1.20	0.90	313.63		
4th Cross near water plant to 5th Cross road connection		2	150.60	1.20	0.90	325.30		
RCC Culvert		10	7.71	1.50	0.90	104.02		
							3474.81	
Deduct 20% Existing Drain Earthwork							204.98	
						Total Qty	**3269.83**	
						Qty as per Schedule-B	**2616.49**	
						Qty upto 125%	**653.34**	
	Cum					**Qty as per Modified Estimate**	**3269.83**	**225.72**	**738065**

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
3	KSRRB M2100-10. Providing and laying **Plain cement concrete of mix 1:3:6** with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. (P.No-222,I No-27.18 of PWD BCSR 2018-19)								
	ForRCC DRAIN								
	Judicial Layout								
	8th Cross Road LHS		1	314.50	1.20	0.15	56.61		
	8th Cross Road RHS		1	252.50	1.20	0.15	45.45		
	10th Main Road LHS		1	149.40	1.20	0.15	26.89		
	10th Main Road RHS		1	249.30	1.20	0.15	44.87		
	Aditya Homes opposite road		2	99.30	1.20	0.15	35.75		
	11th Main Road LHS		1	141.40	1.20	0.15	25.45		
	11th Main Road RHS		1	138.00	1.20	0.15	24.84		
	17th Cross LHS		1	121.10	1.20	0.15	21.80		
	17th Cross RHS		1	99.80	1.20	0.15	17.96		
	16th Main LHS		1	14.80	1.20	0.15	2.66		
	Hanumappa Layout								
	3rd Cross Road to Raksha Enclave Apartments LHS		1	125.00	1.20	0.15	22.50		
	B-Sector								
	7th B Cross to IFB Point LHS		1	221.00	1.20	0.15	39.78		
	7th B Cross to IFB Point RHS		1	117.50	1.20	0.15	21.15		
	8th B Main		2	79.20	1.20	0.15	28.51		
	Mathru Layout								
	Shirdi Sai Temple Road E Cross		2	54.80	1.20	0.15	19.73		
	Shirdi Sai Temple Road E Cross		1	8.00	1.20	0.15	1.44		
	Shirdi Sai Temple Road D Cross		2	55.30	1.20	0.15	19.91		
	5th Cross road		2	145.20	1.20	0.15	52.27		
	4th Cross near water plant to 5th Cross road connection		2	150.60	1.20	0.15	54.22		
	RCC Culvert		10	7.72	1.50	0.20	23.16		
	For Footpath								
	8th Cross Road LHS		1	314.50	2.40	0.125	94.35		
	8th Cross Road RHS		1	252.50	2.40	0.125	75.75		
	10th Main Road LHS		1	149.40	2.40	0.125	44.82		
	10th Main Road RHS		1	249.30	2.40	0.125	74.79		
	Aditya Homes opposite road		2	99.30	2.40	0.125	59.58		
	11th Main Road LHS		1	141.40	2.40	0.125	42.42		
	11th Main Road RHS		1	138.00	2.40	0.125	41.40		
	For KERB								
	Judicial Layout								
	8th Cross Road LHS		1	314.50	0.20	0.10	6.29		
	8th Cross Road RHS		1	252.50	0.20	0.10	5.05		
	10th Main Road LHS		1	149.40	0.20	0.10	2.99		
	10th Main Road RHS		1	249.30	0.20	0.10	4.99		
	Aditya Homes opposite road		2	99.30	0.20	0.10	3.97		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	11th Main Road LHS		1	141.40	0.20	0.10	2.83		
	11th Main Road RHS		1	138.00	0.20	0.10	2.76		
	17th Cross LHS		1	121.10	0.20	0.10	2.42		
	17th Cross RHS		1	99.80	0.20	0.10	2.00		
	16th Main LHS		1	14.80	0.20	0.10	0.30		
	Hanumappa Layout								
	3rd Cross Road to Raksha Enclave Apartments LHS		1	125.00	0.20	0.10	2.50		
	B-Sector								
	7th B Cross to IFB Point LHS		1	221.00	0.20	0.10	4.42		
	7th B Cross to IFB Point RHS		1	117.50	0.20	0.10	2.35		
	8th B Main		2	79.20	0.20	0.10	3.17		
	Mathru Layout								
	Shirdi Sai Temple Road E Cross		2	54.80	0.20	0.10	2.19		
	Shirdi Sai Temple Road E Cross		1	8.00	0.20	0.10	0.16		
	Shirdi Sai Temple Road D Cross		2	55.30	0.20	0.10	2.21		
	5th Cross road		2	145.20	0.20	0.10	5.81		
	4th Cross near water plant to 5th Cross road connection		2	150.60	0.20	0.10	6.02		
						Total Qty	**1080.49**		
						Qty as per Schedule-B	**1088.36**		
						Qty upto 125%	**0.00**		
		Cum				**Qty as per Modified Estimate**	**1080.49**	**5956.12**	**6435528**
4	KSRRB M2200-6. Providing **TMT Bars Fe 500 steel reinforcement** for R.C.C. work including straightening, cutting, bending, hooking, placing in postion, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification.(I.NO 28.8.2 Page no 229, SR 2018-19)								
	Consider 60kg/cum for drain		1	1322.56		0.06	79.35		
	Consider 90kg/cum for culvert		1	44.02		0.09	3.96		
						Total Qty	**83.32**		
						Qty as per Schedule-B	**70.07**		
						Qty upto 125%	**13.25**		
		Tonne				**Qty as per Modified Estimate**	**83.32**	**84033.71**	**7001272**
5	Providing and laying plain/reinforced cement concrete for side drains using **M20 nominal mix concrete with OPC at 300 kgs.** With 20mm and sown size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compcted for walls and bottom including centring shuttering cost of material HOM of machinary curing etc., complete execluding cost of steel as per MORTH specification no. 1500, 1700, 2200 including cost of material labour HOM complete as per specification. (P.No.271, I.No.37.59.2 of PW, P&IWTD S.R 2018-19)								
	ForRCC DRAIN RAFT								

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Judicial Layout								
	8th Cross Road LHS		1	314.50	0.90	0.15	42.46		
	8th Cross Road RHS		1	252.50	0.90	0.15	34.09		
	10th Main Road LHS		1	149.40	0.90	0.15	20.17		
	10th Main Road RHS		1	249.30	0.90	0.15	33.66		
	Aditya Homes opposite road		2	99.30	0.90	0.15	26.81		
	11th Main Road LHS		1	141.40	0.90	0.15	19.09		
	11th Main Road RHS		1	138.00	0.90	0.15	18.63		
	17th Cross LHS		1	121.10	0.90	0.15	16.35		
	17th Cross RHS		1	99.80	0.90	0.15	13.47		
	16th Main LHS		1	14.80	0.90	0.15	2.00		
	Hanumappa Layout								
	3rd Cross Road to Raksha Enclave Apartments LHS		1	125.00	0.90	0.15	16.88		
	B-Sector								
	7th B Cross to IFB Point LHS		1	221.00	0.90	0.15	29.84		
	7th B Cross to IFB Point RHS		1	117.50	0.90	0.15	15.86		
	8th B Main		2	79.20	0.90	0.15	21.38		
	Mathru Layout								
	Shirdi Sai Temple Road E Cross		2	54.80	0.90	0.15	14.80		
	Shirdi Sai Temple Road E Cross		1	8.00	0.90	0.15	1.08		
	Shirdi Sai Temple Road D Cross		2	55.30	0.90	0.15	14.93		
	5th Cross road		2	145.20	0.90	0.15	39.20		
	4th Cross near water plant to 5th Cross road connection		2	150.60	0.90	0.15	40.66		
	ForRCC DRAIN WALL								
	Judicial Layout								
	8th Cross Road LHS		2	314.50	0.15	0.70	66.05		
	8th Cross Road RHS		2	252.50	0.15	0.70	53.03		
	10th Main Road LHS		2	149.40	0.15	0.90	40.34		
	10th Main Road RHS		2	249.30	0.15	0.90	67.31		
	Aditya Homes opposite road		4	99.30	0.15	0.90	53.62		
	11th Main Road LHS		2	141.40	0.15	0.90	38.18		
	11th Main Road RHS		2	138.00	0.15	0.90	37.26		
	17th Cross LHS		2	121.10	0.15	0.90	32.70		
	17th Cross RHS		2	99.80	0.15	0.70	20.96		
	16th Main LHS		2	14.80	0.15	0.70	3.11		
	Hanumappa Layout								
	3rd Cross Road to Raksha Enclave Apartments LHS		2	125.00	0.15	0.90	33.75		
	B-Sector								
	7th B Cross to IFB Point LHS		2	221.00	0.15	0.70	46.41		
	7th B Cross to IFB Point RHS		2	117.50	0.15	0.74	26.09		
	8th B Main		4	79.20	0.15	0.70	33.26		
	Mathru Layout								
	Shirdi Sai Temple Road E Cross		4	54.80	0.15	0.70	23.02		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Shirdi Sai Temple Road E Cross		1	8.00	0.15	0.70	0.84		
	Shirdi Sai Temple Road D Cross		4	55.30	0.15	0.70	23.23		
	5th Cross road		4	145.20	0.15	0.70	60.98		
	4th Cross near water plant to 5th Cross road connection		4	150.60	0.15	0.70	63.25		
	RCC Culvert RAFT		10	7.71	1.20	0.20	18.51		
	RCC Culvert WALL		20	7.71	0.23	0.75	26.60		
						Total Qty	**1189.82**		
						Qty as per Schedule-B	**1138.93**		
						Qty upto 125%	**50.89**		
		Cum				**Qty as per Modified Estimate**	**1189.82**	**7783.01**	**9260412**
6	Providing and Fixing **pre cast covering Slab 100mm thick** made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge. (Data Rate)								
	ForRCC DRAIN COVERING SLAB								
	Judicial Layout								
	8th Cross Road LHS		1	314.50	0.90		283.05		
	8th Cross Road RHS		1	252.50	0.90		227.25		
	10th Main Road LHS		1	149.40	0.90		134.46		
	10th Main Road RHS		1	249.30	0.90		224.37		
	Aditya Homes opposite road		2	99.30	0.90		178.74		
	11th Main Road LHS		1	141.40	0.90		127.26		
	11th Main Road RHS		1	138.00	0.90		124.20		
	17th Cross LHS		1	121.10	0.90		108.99		
	17th Cross RHS		1	99.80	0.90		89.82		
	16th Main LHS		1	14.80	0.90		13.32		
	Hanumappa Layout								
	3rd Cross Road to Raksha Enclave Apartments LHS		1	125.00	0.90		112.50		
	B-Sector								
	7th B Cross to IFB Point LHS		1	221.00	0.90		198.90		
	7th B Cross to IFB Point RHS		1	117.50	0.90		105.75		
	8th B Main		2	79.20	0.90		142.56		
	Mathru Layout								
	Shirdi Sai Temple Road E Cross		2	54.80	0.90		98.64		
	Shirdi Sai Temple Road E Cross		1	7.00	0.90		6.30		
	Shirdi Sai Temple Road D Cross		2	55.30	0.90		99.54		
	5th Cross road		2	145.20	0.90		275.82		
	4th Cross near water plant to 5th Cross road connection		2	150.60	0.90		271.08		
							2822.55		
						Consider 75%	**2116.91**		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
						Total Qty	2116.91		
						Qty as per Schedule-B	1716.24		
						Qty upto 125%	400.67		
		Sqm				Qty as per Modified Estimate	2116.91	2450.34	5187159
7	KSRB 5-8.2 : Providing two line dressing to granite stone slab / granite stone masonry as per specifications. KBS 5.1.13 (P.No-26, I No-5.18)								
	Judicial Layout, Hanumappa Layout, B Sector, Mathru Layout								
							2822.55		
	Front of house				Consider 10%		282.26		
							282.26		
	Two Line dressing in & around								
	Judicial Layout, Hanumappa Layout, B Sector, Mathru Layout						589.00		
						Total Qty	871.26		
						Qty as per Schedule-B	1227.06		
						Qty upto 125%	0.00		
		Sqm				Qty as per Modified Estimate	871.26	1661.56	1447643
8	Providing and fixing RCC **precast cover slab of 250mm thick** for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)								
	ForRCC Culvert COVERING SLAB								
			10	7.80	1.20		93.60		
						Total Qty	93.60		
						Qty as per Schedule-B	134.40		
						Qty upto 125%	0.00		
		Sqm				Qty as per Modified Estimate	93.60	5680.77	531720
9	Providing and fixing **pre cast solid cement concrete kerb stones** made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete. (I No-5.30,P No-27 of PWD BCSR 2018-19)								
	For KERB								
	Judicial Layout								
	8th Cross Road LHS		1	314.50			314.50		
	8th Cross Road RHS		1	252.50			252.50		
	10th Main Road LHS		1	149.40			149.40		
	10th Main Road RHS		1	249.30			249.30		
	Aditya Homes opposite road		2	99.30			198.60		
	11th Main Road LHS		1	141.40			141.40		
	11th Main Road RHS		1	138.00			138.00		
	17th Cross LHS		1	121.10			121.10		
	17th Cross RHS		1	99.80			99.80		
	16th Main LHS		1	14.80			14.80		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Hanumappa Layout								
	3rd Cross Road to Raksha Enclave Apartments LHS		1	125.00			125.00		
	B-Sector								
	7th B Cross to IFB Point LHS		1	221.00			221.00		
	7th B Cross to IFB Point RHS		1	117.50			117.50		
	8th B Main		2	78.50			157.00		
	Mathru Layout								
	Shirdi Sai Temple Road E Cross		2	54.80			109.60		
	Shirdi Sai Temple Road E Cross		1	7.00			7.00		
	Shirdi Sai Temple Road D Cross		2	55.30			110.60		
	5th Cross road		2	145.20			290.40		
	4th Cross near water plant to 5th Cross road connection		2	150.60			301.20		
							3028.95		
						Total Qty	6731.00		
						Qty as per Schedule-B	6793.00		
						Qty upto 125%	0.00		
		Nos				**Qty as per Modified Estimate**	**6731.00**	**453.46**	**3052239**
10	**Painting two coats** after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 Specification No. KSRRB M800-6. (P.No.180, I.No.24.1 of PW, P&IWTD SR 2018-19)								
	For KERB								
	Judicial Layout								
	8th Cross Road LHS		1	314.50	0.35		110.08		
	8th Cross Road RHS		1	252.50	0.35		88.38		
	10th Main Road LHS		1	149.40	0.35		52.29		
	10th Main Road RHS		1	249.30	0.35		87.26		
	Aditya Homes opposite road		2	99.30	0.35		69.51		
	11th Main Road LHS		1	141.40	0.35		49.49		
	11th Main Road RHS		1	138.00	0.35		48.30		
	17th Cross LHS		1	121.10	0.35		42.39		
	17th Cross RHS		1	99.80	0.35		34.93		
	16th Main LHS		1	14.80	0.35		5.18		
	Hanumappa Layout								
	3rd Cross Road to Raksha Enclave Apartments LHS		1	125.00	0.35		43.75		
	B-Sector								
	7th B Cross to IFB Point LHS		1	221.00	0.35		77.35		
	7th B Cross to IFB Point RHS		1	117.50	0.35		41.13		
	8th B Main		2	78.50	0.35		54.95		
	Mathru Layout								
	Shirdi Sai Temple Road E Cross		2	54.80	0.35		38.36		
	Shirdi Sai Temple Road E Cross		1	7.00	0.35		2.45		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Shirdi Sai Temple Road D Cross		2	55.30	0.35		38.71		
	5th Cross road		2	146.20	0.35		102.34		
	4th Cross near water plant to 5th Cross road connection		2	150.60	0.35		105.42		
						Total Qty	**1092.25**		
						Qty as per Schedule-B	**940.80**		
						Qty upto 125%	**151.45**		
		Sqm				**Qty as per Modified Estimate**	**1092.25**	**88.91**	**97112**
11	KSRRB M300-14. **Excavation for roadwork** in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location to a lead of 1km and complete as per specifications. MORTH Specification No.301 (P.No-143, I No-19.14)								
	Judicial Layout								
	17th Cross		2	135.50	1.00	0.30	81.30		
	Hanumappa Layout								
	3rd Cross Road to Raksha Enclave Apartments		2	197.00	0.75	0.30	88.65		
	B SECTOR								
	7th B Cross to IFB Point		2	226.00	0.90	0.30	122.04		
	12th B Main		2	178.00	1.50	0.30	160.20		
	8th B Main		2	79.20	0.90	0.30	42.77		
	Chikkabommasandra								
	2nd Cross Road		2	52.70	0.75	0.30	23.72		
	3rd Cross Road		2	160.10	1.25	0.30	120.08		
	Someshwara Nagara								
	1st B Cross Road		2	162.50	1.00	0.30	97.50		
	1st A Cross Road		2	195.80	1.50	0.30	176.22		
	2nd A Cross Road		2	139.40	1.00	0.30	83.64		
	2nd B Cross Road		2	85.10	1.25	0.30	63.83		
	Sharadhanagara								
	1st Main Road		2	158.70	1.00	0.30	95.22		
	3rd Cross Road		2	132.50	1.25	0.30	99.38		
	2nd Cross Road		2	91.30	1.00	0.30	54.78		
	1st Cross Road		2	93.50	0.75	0.30	42.08		
	3rd Main Road		2	130.60	1.00	0.30	78.36		
	4th Cross Road		2	86.00	0.90	0.30	46.44		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	6th Cross Road		2	96.30	1.00	0.30	57.78		
	7th Main Road		2	79.60	0.75	0.30	35.82		
	8th Main Road		2	168.70	1.80	0.30	182.20		
	7th Cross Road		2	53.00	0.90	0.30	28.62		
	5th Main Road		2	66.80	1.00	0.30	40.08		
	6th Main Road		2	77.00	1.14	0.30	52.67		
						Total Qty	1873.35		
						Qty as per Schedule-B	1873.26		
						Qty upto 125%	0.09		
		Cum				Qty as per Modified Estimate	1873.35	67.04	125589
12	Construction of **granular sub-base Grading-V** as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications Clause 401 of MORTH V Revision.(I No-20.5,P No-153)								
	Judicial Layout								
	17th Cross		2	135.50	1.00	0.15	40.65		
	Hanumappa Layout								
	3rd Cross Road to Raksha Enclave Apartments		2	197.00	0.75	0.15	44.33		
	B SECTOR								
	7th B Cross to IFB Point		2	226.00	0.90	0.15	61.02		
	12th B Main		2	178.00	1.50	0.15	80.10		
	8th B Main		2	79.20	0.90	0.15	21.38		
	Chikkabommasandra								
	2nd Cross Road		2	52.70	0.75	0.15	11.86		
	3rd Cross Road		2	160.10	1.25	0.15	60.04		
	Someshwara Nagara								
	1st B Cross Road		2	162.50	1.00	0.15	48.75		
	1st A Cross Road		2	195.80	1.50	0.15	88.11		
	2nd A Cross Road		2	139.40	1.00	0.15	41.82		
	2nd B Cross Road		2	85.10	1.25	0.15	31.91		
	Sharadhanagara								
	1st Main Road		2	158.70	1.00	0.15	47.61		
	3rd Cross Road		2	132.50	1.25	0.15	49.69		
	2nd Cross Road		2	91.30	1.00	0.15	27.39		
	1st Cross Road		2	93.50	0.75	0.15	21.04		
	3rd Main Road		2	130.60	1.00	0.15	39.18		
	4th Cross Road		2	86.00	0.90	0.15	23.22		
	6th Cross Road		2	96.30	1.00	0.15	28.89		
	7th Main Road		2	79.60	0.75	0.15	17.91		
	8th Main Road		2	168.70	1.80	0.15	91.10		
	7th Cross Road		2	53.00	0.90	0.15	14.31		
	5th Main Road		2	66.80	1.00	0.15	20.04		
	6th Main Road		2	77.00	1.14	0.15	26.33		
						Total Qty	936.67		
						Qty as per Schedule-B	936.63		
						Qty upto 125%	0.04		
		Cum				Qty as per Modified Estimate	936.67	2091.67	1959212

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
13	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to **wet mix macadam** specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications(P.No-155,I No-20.18)								
	Judicial Layout								
	17th Cross		2	135.50	1.00	0.225	60.98		
	Hanumappa Layout								
	3rd Cross Road to Raksha Enclave Apartments		2	197.00	0.75	0.225	66.49		
	B SECTOR								
	7th B Cross to IFB Point		2	226.00	0.90	0.225	91.53		
	12th B Main		2	178.00	1.50	0.225	120.15		
	8th B Main		2	79.20	0.90	0.225	32.08		
	Chikkabommasandra								
	2nd Cross Road		2	52.70	0.75	0.225	17.79		
	3rd Cross Road		2	160.10	1.25	0.225	90.06		
	Someshwara Nagara								
	1st B Cross Road		2	162.50	1.00	0.225	73.13		
	1st A Cross Road		2	195.80	1.50	0.225	132.17		
	2nd A Cross Road		2	139.40	1.00	0.225	62.73		
	2nd B Cross Road		2	85.10	1.25	0.225	47.87		
	Sharadhanagara								
	1st Main Road		2	158.70	1.00	0.225	71.42		
	3rd Cross Road		2	132.50	1.25	0.225	74.53		
	2nd Cross Road		2	91.30	1.00	0.225	41.09		
	1st Cross Road		2	93.50	0.75	0.225	31.56		
	3rd Main Road		2	130.60	1.00	0.225	58.77		
	4th Cross Road		2	86.00	0.90	0.225	34.83		
	6th Cross Road		2	96.30	1.00	0.225	43.34		
	7th Main Road		2	79.60	0.75	0.225	26.87		
	8th Main Road		2	168.70	1.80	0.225	136.65		
	7th Cross Road		2	53.00	0.90	0.225	21.47		
	5th Main Road		2	66.80	1.00	0.225	30.06		
	6th Main Road		2	77.00	1.14	0.225	39.50		
						Total Qty	**1405.01**		
						Qty as per Schedule-B	**1404.94**		
						Qty upto 125%	**0.07**		
		Cum				**Qty as per Modified Estimate**	**1405.01**	**2098.34**	**2948189**
14	KSRRB M500-6. Providing and applying **primer coat** with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications Clause 502 of MORTH V revision(P.No 158,I No-21.6),								
	Judicial Layout								
	17th Cross		2	135.50	1.00		271.00		
	Hanumappa Layout								
	3rd Cross Road to Raksha Enclave Apartments		2	197.00	0.75		295.50		
	B SECTOR								

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
7th B Cross to IFB Point		2	226.00	0.90		406.80		
12th B Main		2	178.00	1.50		534.00		
8th B Main		2	79.20	0.90		142.56		
Chikkabommasandra								
2nd Cross Road		2	52.70	0.75		79.05		
3rd Cross Road		2	160.10	1.25		400.25		
Someshwara Nagara								
1st B Cross Road		2	162.50	1.00		325.00		
1st A Cross Road		2	195.80	1.50		587.40		
2nd A Cross Road		2	139.40	1.00		278.80		
2nd B Cross Road		2	85.10	1.25		212.75		
Sharadhanagara								
1st Main Road		2	158.70	1.00		317.40		
3rd Cross Road		2	132.50	1.25		331.25		
2nd Cross Road		2	91.30	1.00		182.60		
1st Cross Road		2	93.50	0.75		140.25		
3rd Main Road		2	130.60	1.00		261.20		
4th Cross Road		2	86.00	0.90		154.80		
6th Cross Road		2	96.30	1.00		192.60		
7th Main Road		2	79.60	0.75		119.40		
8th Main Road		2	168.70	1.80		607.32		
7th Cross Road		2	53.00	0.90		95.40		
5th Main Road		2	66.80	1.00		133.60		
6th Main Road		2	77.00	1.14		175.56		
					Total Qty	**6244.49**		
					Qty as per Schedule-B	**6244.20**		
					Qty upto 125%	**0.29**		
	Sqm				**Qty as per Modified Estimate**	**6244.49**	**35.57**	**222117**
15	KSRRB 500-2. **Cleaning the existing black topped surface** with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM complete as per specifications. (P.No-158,I No-21.2),							
	B SECTOR					16709.75		
	BC Area					6244.49		
	WMM Area				**Total Qty**	**10465.26**		
					Qty as per Schedule-B	**8372.30**		
					Qty upto 125%	**2092.96**		
	Sqm				**Qty as per Modified Estimate**	**10465.26**	**5.56**	**58187**
16	KSRRB M500-17. Providing and laying dense graded **bituminous macadam** using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 505 of MORTH V revisionusing 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen (P.No-160,I No-21.17.6) issue rate Dated 01-01-2021								
	Judicial Layout							
	17th Cross		2	135.50	1.00	0.050	13.55	
	Hanumappa Layout							

No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	3rd Cross Road to Raksha Enclave Apartments		2	197.00	0.75	0.050	14.78		
	B SECTOR								
	7th B Cross to IFB Point		2	226.00	0.90	0.050	20.34		
	12th B Main		2	178.00	1.50	0.050	26.70		
	8th B Main		2	79.20	0.90	0.050	7.13		
	Chikkabommasandra								
	2nd Cross Road		2	52.70	0.75	0.050	3.95		
	3rd Cross Road		2	160.10	1.25	0.050	20.01		
	Someshwara Nagara								
	1st B Cross Road		2	162.50	1.00	0.050	16.25		
	1st A Cross Road		2	195.80	1.50	0.050	29.37		
	2nd A Cross Road		2	139.40	1.00	0.050	13.94		
	2nd B Cross Road		2	85.10	1.25	0.050	10.64		
	Sharadhanagara								
	1st Main Road		2	158.70	1.00	0.050	15.87		
	3rd Cross Road		2	132.50	1.25	0.050	16.56		
	2nd Cross Road		2	91.30	1.00	0.050	9.13		
	1st Cross Road		2	93.50	0.75	0.050	7.01		
	3rd Main Road		2	130.60	1.00	0.050	13.06		
	4th Cross Road		2	86.00	0.90	0.050	7.74		
	6th Cross Road		2	96.30	1.00	0.050	9.63		
	7th Main Road		2	79.60	0.75	0.050	5.97		
	8th Main Road		2	168.70	1.80	0.050	30.37		
	7th Cross Road		2	53.00	0.90	0.050	4.77		
	5th Main Road		2	66.80	1.00	0.050	6.68		
	6th Main Road		2	77.00	1.14	0.050	8.78		
						Total Qty	**312.22**		
						Qty as per Schedule-B	**312.21**		
						Qty upto 125%	**0.01**		
		Cum				**Qty as.per Modified Estimate**	**312.22**	**7646.50**	**2387425**
17	KSRRB 500-7. Providing and applying **tack coat** using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications (P.No-161,I No-21.7)								
	Judicial Layout								
	17th Cross		1	135.50	6.83		926.00		
	Hanumappa Layout								
	3rd Cross Road to Raksha Enclave Apartments		1	197.00	5.75		1132.75		
	B SECTOR								
	7th B Cross to IFB Point		1	226.00	6.77		1531.00		
	10th B Main		1	88.00	4.63		407.50		
	12th B Main		1	178.00	5.03		895.50		
	8th B Main		1	79.20	4.27		338.00		
	Chikkabommasandra								
	2nd Cross Road		1	52.70	3.92		206.75		
	3rd Cross Road		1	160.10	4.39		702.50		
	Someshwara Nagara								
	1st B Cross Road		1	251.00	5.70		1429.75		
	1st A Cross Road		1	198.30	6.47		1283.75		

No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	2nd A Cross Road		1	139.40	6.13		854.75		
	2nd B Cross Road		1	85.10	6.06		515.50		
	2nd B Cross Road		1	212.00	6.08		1289.50		
	Sharadhanagara								
	1st Main Road		1	158.70	4.66		739.00		
	3rd Cross Road		1	105.80	5.16		546.25		
	2nd Cross Road		1	91.30	3.99		364.50		
	1st Cross Road		1	93.50	4.60		430.00		
	3rd Main Road		1	130.00	4.59		596.50		
	4th Cross Road		1	86.00	4.45		382.75		
	6th Cross Road		1	96.30	5.00		481.50		
	7th Main Road		1	79.60	5.06		402.50		
	8th Main Road		1	168.70	4.82		812.50		
	7th Cross Road		1	53.00	4.04		214.00		
	5th Main Road		1	66.80	4.55		304.25		
	6th Main Road		1	77.00	4.60		354.20		
						Total Qty	**17141.20**		
						Qty as per Schedule-B	**20061.69**		
						Qty upto 125%	**0.00**		
		Sqm				**Qty as per Modified Estimate**	**17141.20**	**13.34**	**228664**
18	Providing and laying **bituminous concrete 40mm thick** with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP-53-2015. using – do – using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4 % of modified bituminus binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic) (P.No.171, I.No.21.78.12) issue rate Dated 01-01-2021								
	Judicial Layout								
	17th Cross		1	135.50	6.83	0.040	37.04		
	Hanumappa Layout								
	3rd Cross Road to Raksha Enclave Apartments		1	197.00	5.75	0.040	45.31		
	B SECTOR								
	7th B Cross to IFB Point		1	226.00	6.77	0.040	61.24		
	10th B Main		1	88.00	4.63	0.040	16.30		
	12th B Main		1	178.00	5.03	0.040	35.82		
	8th B Main		1	79.20	4.27	0.040	13.52		
	Chikkabommasandra								
	2nd Cross Road		1	52.70	3.92	0.040	8.27		
	3rd Cross Road		1	160.10	4.39	0.040	28.10		
	Someshwara Nagara								
	1st B Cross Road		1	251.00	5.70	0.040	57.19		
	1st A Cross Road		1	198.30	6.47	0.040	51.35		
	2nd A Cross Road		1	139.40	6.13	0.040	34.19		
	2nd B Cross Road		1	85.10	6.06	0.040	20.62		
	2nd B Cross Road		1	212.00	6.08	0.040	51.58		
	Sharadhanagara								
	1st Main Road		1	158.70	4.66	0.040	29.56		
	3rd Cross Road		1	105.80	5.16	0.040	21.85		

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
2nd Cross Road		1	91.30	3.99	0.040	14.58		
1st Cross Road		1	93.50	4.60	0.040	17.20		
3rd Main Road		1	130.00	4.59	0.040	23.86		
4th Cross Road		1	86.00	4.45	0.040	15.31		
6th Cross Road		1	96.30	5.00	0.040	19.26		
7th Main Road		1	79.60	5.06	0.040	16.10		
8th Main Road		1	168.70	4.82	0.040	32.50		
7th Cross Road		1	53.00	4.04	0.040	8.56		
5th Main Road		1	66.80	4.55	0.040	12.17		
6th Main Road		1	77.00	4.60	0.040	14.17		
					Total Qty	**685.65**		
					Qty as per Schedule-B	**794.93**		
					Qty upto 125%	**0.00**		
	Sqm				**Qty as per Modified Estimate**	**685.65**	**8959.08**	**6142775**
19	KSRRB M800-13.**Road Marking** with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803(P.No-182,I No-24.15)								
	Judicial Layout								
	17th Cross		2	135.50	0.10		27.10		
	Hanumappa Layout								
	3rd Cross Road to Raksha Enclave Apartments		2	197.00	0.10		39.40		
	B SECTOR								
	7th B Cross to IFB Point		2	226.00	0.10		45.20		
	10th B Main		2	88.00	0.10		17.60		
	12th B Main		2	178.00	0.10		35.60		
	8th B Main		2	79.20	0.10		15.84		
	Chikkabommasandra								
	2nd Cross Road		2	52.70	0.10		10.54		
	3rd Cross Road		2	160.10	0.10		32.02		
	Someshwara Nagara								
	1st B Cross Road		2	251.00	0.10		50.20		
	1st A Cross Road		2	198.30	0.10		39.66		
	2nd A Cross Road		2	139.40	0.10		27.88		
	2nd B Cross Road		2	85.10	0.10		17.02		
	2nd B Cross Road		2	212.00	0.10		42.40		
	Sharadhanagara								
	1st Main Road		2	158.70	0.10		31.74		
	3rd Cross Road		2	105.80	0.10		21.16		
	2nd Cross Road		2	91.30	0.10		18.26		
	1st Cross Road		2	93.50	0.10		18.70		
	3rd Main Road		2	130.00	0.10		26.00		
	4th Cross Road		2	86.00	0.10		17.20		
	6th Cross Road		2	96.30	0.10		19.26		
	7th Main Road		2	79.60	0.10		15.92		
	8th Main Road		2	168.70	0.10		33.74		
	7th Cross Road		2	53.00	0.10		10.60		
			2	66.80	0.10		13.36		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	6th Main Road		2	20.00	0.10		4.00		
						Total Qty	630.40		
						Qty as per Schedule-B	699.20		
						Qty upto 125%	0.00		
		Sqm				Qty as per Modified Estimate	630.40	476.79	300568
20	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No-13,I No-4.6)								
	Tree Guards								
	For P.C.C								
	8th Cross Road LHS		13	5.56	0.20	0.15	2.17		
	8th Cross Road RHS		10	5.73	0.20	0.15	1.72		
	10th Main Road LHS		6	5.83	0.20	0.15	1.05		
	10th Main Road RHS		9	5.67	0.20	0.15	1.53		
	Shoulder Drain Bed								
	8th Cross Road LHS		13	2.60	0.60	0.15	3.04		
	8th Cross Road RHS		10	2.60	0.60	0.15	2.34		
	10th Main Road LHS		6	2.50	0.60	0.15	1.35		
	10th Main Road RHS		9	2.50	0.60	0.15	2.03		
	Shoulder Drain								
	8th Cross Road LHS		26	2.60	0.20	0.08	1.08		
	8th Cross Road RHS		20	2.60	0.20	0.08	0.83		
	10th Main Road LHS		12	2.50	0.20	0.08	0.48		
	10th Main Road RHS		18	2.50	0.20	0.08	0.72		
						Total Qty	18.34		
						Qty as per Schedule-B	86.36		
						Qty upto 125%	0.00		
		Cum				Qty as per Modified Estimate	18.34	6026.07	110522
21	KSRB 5-14 : Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4 I.No.5.26.2, Page no 27								
	Judicial Layout								
	Tree Guards								
	8th Cross Road LHS		13	5.56	0.20		14.47		
	8th Cross Road RHS		10	5.73	0.20		11.47		
	10th Main Road LHS		6	5.83	0.20		7.00		
	10th Main Road RHS		9	5.67	0.20		10.20		
	Shoulder Drain								
	8th Cross Road LHS		26	2.60	0.20		13.52		
	8th Cross Road RHS		20	2.60	0.20		10.40		
	10th Main Road LHS		12	2.50	0.20		6.00		
	10th Main Road RHS		18	2.50	0.20		9.00		

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
						Total Qty	82.05		
						Qty as per Schedule-B	113.38		
						Qty upto 125%	0.00		
		Cum				Qty as per Modified Estimate	82.05	1026.94	84264
22	KSRB 14.6 : Providing and laying **heavy duty cobble stones** interlock pavers, 60mm thick using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM complete as per specifications. Specification No. KBS (P.No-103,I No-14.6 of PWD BCSR 2018-19), 60mm thick								
	For Footpath								
	Judicial Layout								
	8th Cross Road LHS		1	366.50	2.40		879.60		
	8th Cross Road RHS		1	264.40	2.40		634.56		
	10th Main Road LHS		1	162.70	2.40		390.48		
	10th Main Road RHS		1	249.30	2.40		598.32		
	Aditya Homes opposite road to Deeksha Nursery		2	99.40	2.40		477.12		
	11th Main Road LHS		1	141.40	2.40		339.36		
	11th Main Road RHS		1	138.00	2.40		331.20		
	Deduct Tree Guards								
	For P.C.C								
	8th Cross Road LHS		13	1.00	1.00		-13.00		
	8th Cross Road RHS		10	1.00	1.00		-10.00		
	10th Main Road LHS		6	1.00	1.00		-6.00		
	10th Main Road RHS		9	1.00	1.00		-9.00		
	Shoulder Drain								
	8th Cross Road LHS		13	2.60	0.60		-20.28		
	8th Cross Road RHS		10	2.60	0.60		-15.60		
	10th Main Road LHS		6	2.50	0.60		-9.00		
	10th Main Road RHS		9	2.50	0.60		-13.50		
						Total Qty	3554.26		
						Qty as per Schedule-B	3697.68		
						Qty upto 125%	0.00		
		Sqm				Qty as per Modified Estimate	3554.26	1170.31	4159586

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
23	Supply and fixing of **Retro Reflective Single Arrow Road NameSignboard** of size 1600mm x 900mm made out of retro reflective sheeting conforming to Type XI standards of ASTM D 4956 - 09 & as per IRC 67-2012 for full back ground of blue colour & white letters and fixed over 4 mm thick Aluminium Composite Material sheet having minimum 0.5 mm thick Aluminium skin on both sides with back side painted grey colour and fixed over back support frame SS angle of 15mm x 20mm x 1.2mm, supported by 38mm OD stainless steel pipe all round in 304 grade and 2 nos of vertical posts of 50 mm OD stainless steel pipe of 202 grade firmly fixed to the ground by means of properly designed foundation of size 450mm x 450mm x 600mm in 1:1.5:3 ratio cement concrete. The background shall be blue in color with letters and border in white,the item includes earthwork excavation, cost of all materials, loading,unloading, lead, lift, transportation etc., complete. as per direction of engineer incharge of work clause 6.9 of IRC 67-2012 for Type XI retro reflective sheeting from the sheeting manufacturer & a certified copy of test reports from an independent test laboratory conforming to clause 6.7 of IRC 67-2012 including outdoor weather exposure report for the retro reflective sheeting offered shall be submitted by the contractor for technical qualification in the tender (P.No-103,I No-24.59 of PWD BCSR 2018-19),								
	Basic rate	13297.00							
	Area Weightage 6%	797.82							
	Total	14094.82							
		Sqm							
			6	1.60	0.90		8.64		
						Total Qty	8.64		
						Qty as per Schedule-B	8.64		
						Qty upto 125%	0.00		
		Sqm				Qty as per Modified Estimate	8.64	14778.42	127686
								Total Construction Cost	52687884
								Towards GST 12%	6322546
								DPR & PMC Charges	1000000
								Sub Total	60010430
								Miscellaneous & Rounding Off	-10,430
								Total	60000000.00

Certificate

1. The workspot was inspected and works is found to be necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike limits.
3. The rates adopted based on the PWD SR,Bangalore circle for year 2018-2019, issue rates dated 01-01-2021 and Data Rates

Assistant Engineer
Ward 04
BBMP Bangalore

Asst. Executive Engineer
Yelahanka New Town Sub Division
BBMP Bangalore

Executive Engineer
Yelahanka Division
BBMP Bangalore

Technical Sanction
Accorded For Rs 600 Wholly
Head of A/C P 3055
CER NO : 49 Dt: 22.09.2021